1. Identification

Product identifier: 5885 DTM Rust Preventative Acrylic Semi-Gloss Enamel Series 122, 333, 555, 568

Other means of identification: None.

Recommended use: Architectural Coating

Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information
- **Company name**: Kelly-Moore Paint Co., Inc.
- **Address**: 987 Commercial St., San Carlos, CA 94070
- **Telephone**: 1-800-874-4436
- **E-mail**: TA Alvarez@kellymoore.com
- **Contact person**: Tiffany Alvarez
- **Emergency phone number**: CHEMTREC: 1-800-424-9300

2. Hazard(s) identification

**Physical hazards**: Not classified.

**Health hazards**: Sensitization, skin Category 1

**OSHA defined hazards**: Not classified.

**Label elements**

- **Signal word**: Warning
- **Hazard statement**: May cause an allergic skin reaction.
- **Precautionary statement**
  - **Prevention**: Avoid breathing mist or vapor. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.
  - **Response**: If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
  - **Storage**: Store away from incompatible materials.
  - **Disposal**: Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)**: None known.

**Supplemental information**: None.

3. Composition/information on ingredients

**Mixtures**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>&lt; 20</td>
</tr>
<tr>
<td>Carbon black</td>
<td>1333-86-4</td>
<td>&lt; 5</td>
</tr>
<tr>
<td>Aluminum hydroxide</td>
<td>21645-51-2</td>
<td>&lt; 2</td>
</tr>
<tr>
<td>Tetramethyl-5-decyne-4,7-diol, 2,4,7,9-</td>
<td>126-86-3</td>
<td>&lt;0.5</td>
</tr>
</tbody>
</table>

**Composition comments**: All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.
4. First-aid measures
Inhalation
Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact
Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact
Rinse with water. Get medical attention if irritation develops and persists.
Ingestion
Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed
May cause an allergic skin reaction. Dermatitis. Rash.
Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information
Wash contaminated clothing before reuse.

5. Fire-fighting measures
Suitable extinguishing media
Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical
During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions
Move containers from fire area if you can do so without risk.
Specific methods
Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards
No unusual fire or explosion hazards noted.

6. Accidental release measures
Personal precautions, protective equipment and emergency procedures
Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up
This product is moderately soluble in water.
Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.
Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
Environmental precautions
Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage
Precautions for safe handling
Provide adequate ventilation. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment.
Conditions for safe storage, including any incompatibilities
Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection
Occupational exposure limits
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black (CAS 1333-86-4)</td>
<td>PEL</td>
<td>3.5 mg/m3</td>
</tr>
</tbody>
</table>
US. OSHA Table Z-3 (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicon dioxide, crystalline silica-free (CAS 7631-86-9)</td>
<td>TWA</td>
<td>0.8 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20 mppcf</td>
</tr>
</tbody>
</table>

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum hydroxide (CAS 21645-51-2)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Carbon black (CAS 1333-86-4)</td>
<td>TWA</td>
<td>3.5 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black (CAS 1333-86-4)</td>
<td>TWA</td>
<td>3.5 mg/m³</td>
</tr>
<tr>
<td>Silicon dioxide, crystalline silica-free (CAS 7631-86-9)</td>
<td>TWA</td>
<td>6 mg/m³</td>
</tr>
</tbody>
</table>

Biological limit values
No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls
Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection
Use safety glasses, goggles, or face shield to protect eyes.

Skin protection

Hand protection
Not normally needed.

Other
Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection
In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards
Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations
Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance
Milky white to colored liquid.

Physical state
Liquid.

Form
Liquid.

Color
Various.

Odor
Slightly ammoniacal.

Odor threshold
Not available.

pH
7 - 10

Melting point/freezing point
Not available.

Initial boiling point and boiling range
Not available.

Flash point
Not available.

Evaporation rate
< 1 (n-BuAc=1)

Flammability (solid, gas)
Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)
Not available.
### Flammability limit
- **Upper (%)** Not available.
- **Lower (%)** Not available.

### Explosive limit
- **Upper (%)** Not available.
- **Lower (%)** Not available.

### Physical properties
- **Vapor pressure** Not available.
- **Vapor density** > 1 (Air=1)
- **Relative density** Not available.
- **Solubility** Moderately soluble
- **Partition coefficient** Not available.
- **Auto-ignition temperature** Not available.
- **Decomposition temperature** Not available.
- **Vapor pressure** Not available.
- **Relative density** Not available.
- **Solubility** Moderately soluble
- **Partition coefficient** Not available.
- **Auto-ignition temperature** Not available.
- **Decomposition temperature** Not available.
- **Vapor pressure** Not available.
- **Relative density** Not available.

### Other information
- **Explosive properties** Not explosive.
- **Oxidizing properties** Not oxidizing.
- **VOC (Weight %)** 47.03 - 93.2 g/l

### Stability and reactivity
- **Reactivity** The product is stable and non-reactive under normal conditions of use, storage and transport.
- **Chemical stability** Material is stable under normal conditions.
- **Possibility of hazardous reactions** No dangerous reaction known under conditions of normal use.
- **Conditions to avoid** Contact with incompatible materials.
- **Incompatible materials** Strong oxidizing agents.
- **Hazardous decomposition products** No hazardous decomposition products are known.

### Toxicological information
- **Information on likely routes of exposure**
  - **Inhalation** Prolonged inhalation may be harmful.
  - **Skin contact** May cause an allergic skin reaction.
  - **Eye contact** Direct contact with eyes may cause temporary irritation.
  - **Ingestion** Expected to be a low ingestion hazard.

- **Symptoms related to the physical, chemical and toxicological characteristics** May cause an allergic skin reaction. Dermatitis. Rash.

- **Information on toxicological effects**
  - **Acute toxicity** May cause an allergic skin reaction.
  - **Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.
  - **Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.
  - **Respiratory or skin sensitization** Not a respiratory sensitizer.
  - **Respiratory sensitization** May cause an allergic skin reaction.

- **Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

- **Carcinogenicity** Inhalation of carbon black or titanium dioxide dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely.

### IARC Monographs. Overall Evaluation of Carcinogenicity
- **Carbon black (CAS 1333-86-4)** 2B Possibly carcinogenic to humans.
- **Silicon dioxide, crystalline silica-free (CAS 7631-86-9)** 3 Not classifiable as to carcinogenicity to humans.
- **Titanium dioxide (CAS 13463-67-7)** 2B Possibly carcinogenic to humans.
NTP Report on Carcinogens
Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

Reproductive toxicity
This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure
Not classified.

Specific target organ toxicity - repeated exposure
Not classified.

Aspiration hazard
Not an aspiration hazard.

Chronic effects
Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability
No data is available on the degradability of this product.

Bioaccumulative potential
No data available.

Mobility in soil
This product is moderately water soluble and may disperse in soil.

Other adverse effects
None known.

13. Disposal considerations

Disposal instructions
Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations
Dispose in accordance with all applicable regulations.

Hazardous waste code
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging
Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not established.

15. Regulatory information

US federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)
Ammonium hydroxide (CAS 1336-21-6)
LISTED
Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories**
- Immediate Hazard - Yes
- Delayed Hazard - No
- Fire Hazard - No
- Pressure Hazard - No
- Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**
- Not listed.

**SARA 311/312 Hazardous chemical**
- Yes

**SARA 313 (TRI reporting)**
- Not regulated.

**Other federal regulations**

- **Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**
  - Not regulated.

- **Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**
  - Not regulated.

- **Safe Drinking Water Act (SDWA)**
  - Not regulated.

**US state regulations**

- **US. Massachusetts RTK - Substance List**
  - Ammonium hydroxide (CAS 1336-21-6)
  - Carbon black (CAS 1333-86-4)
  - Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
  - Titanium dioxide (CAS 13463-67-7)

- **US. New Jersey Worker and Community Right-to-Know Act**
  - Ammonium hydroxide (CAS 1336-21-6)
  - Carbon black (CAS 1333-86-4)
  - Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
  - Titanium dioxide (CAS 13463-67-7)

- **US. Pennsylvania Worker and Community Right-to-Know Law**
  - Ammonium hydroxide (CAS 1336-21-6)
  - Carbon black (CAS 1333-86-4)
  - Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
  - Titanium dioxide (CAS 13463-67-7)

- **US. Rhode Island RTK**
  - Ammonium hydroxide (CAS 1336-21-6)

- **US. California Proposition 65**
  - WARNING: This product contains a chemical known to the State of California to cause cancer.

- **US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**
  - Carbon black (CAS 1333-86-4)

**International Inventories**

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision**

- **Issue date**
  - 28-August-2015

- **Revision date**
  - -

- **Version #**
  - 01

- **HMIS® ratings**
  - Health: 2*
  - Flammability: 1
  - Physical hazard: 0
Disclaimer

Kelly-Moore Paint Co., Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.